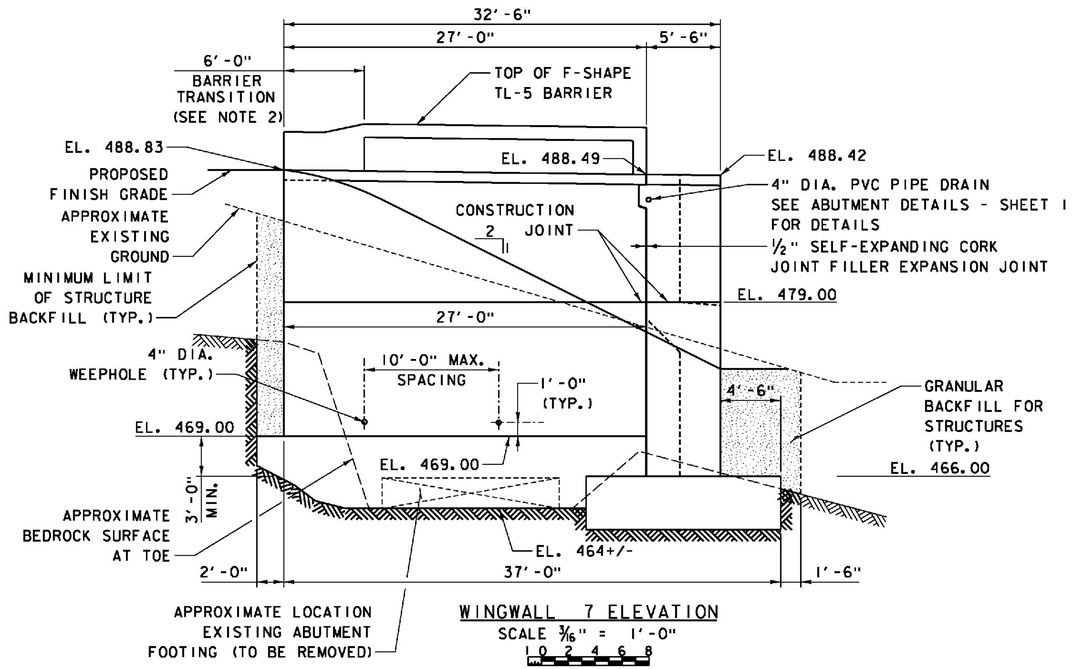
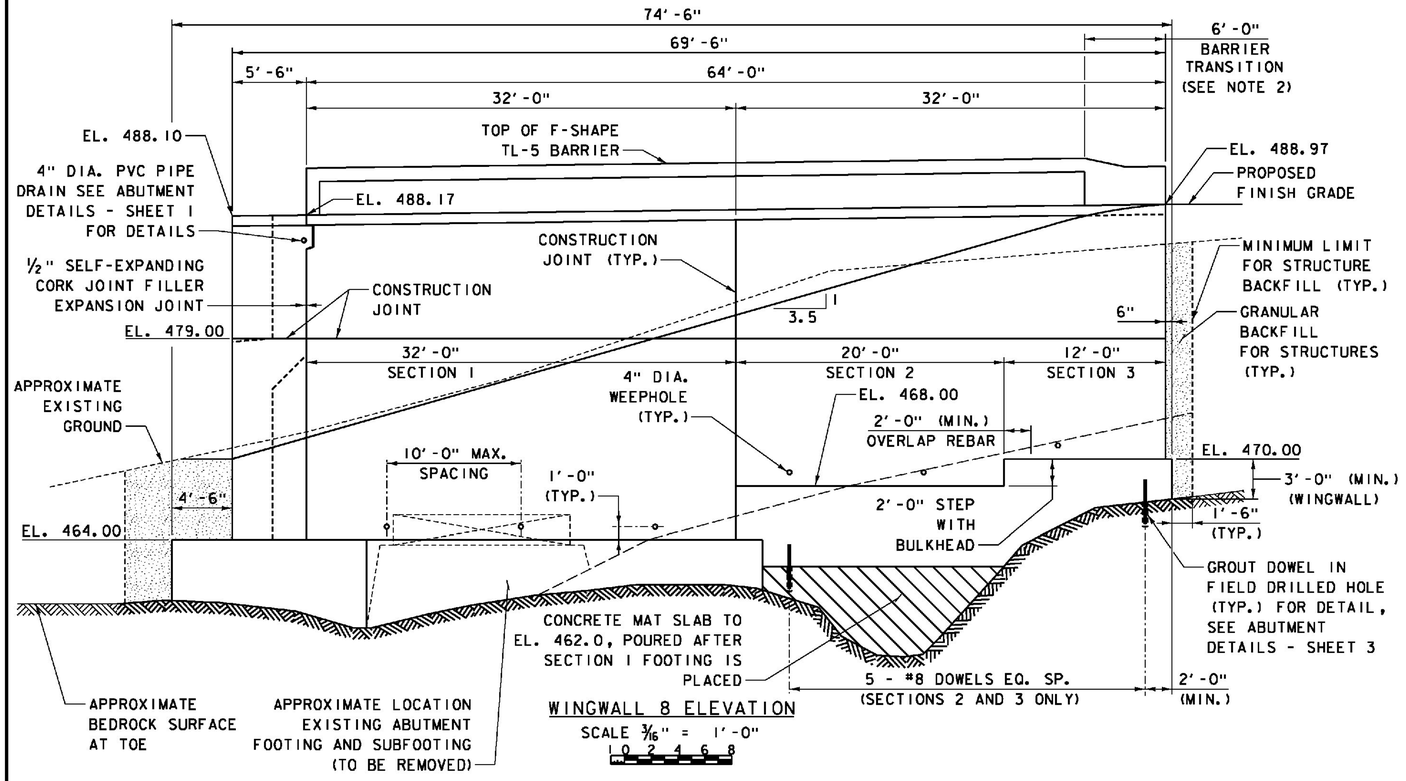


WINGWALL 7 ELEVATION

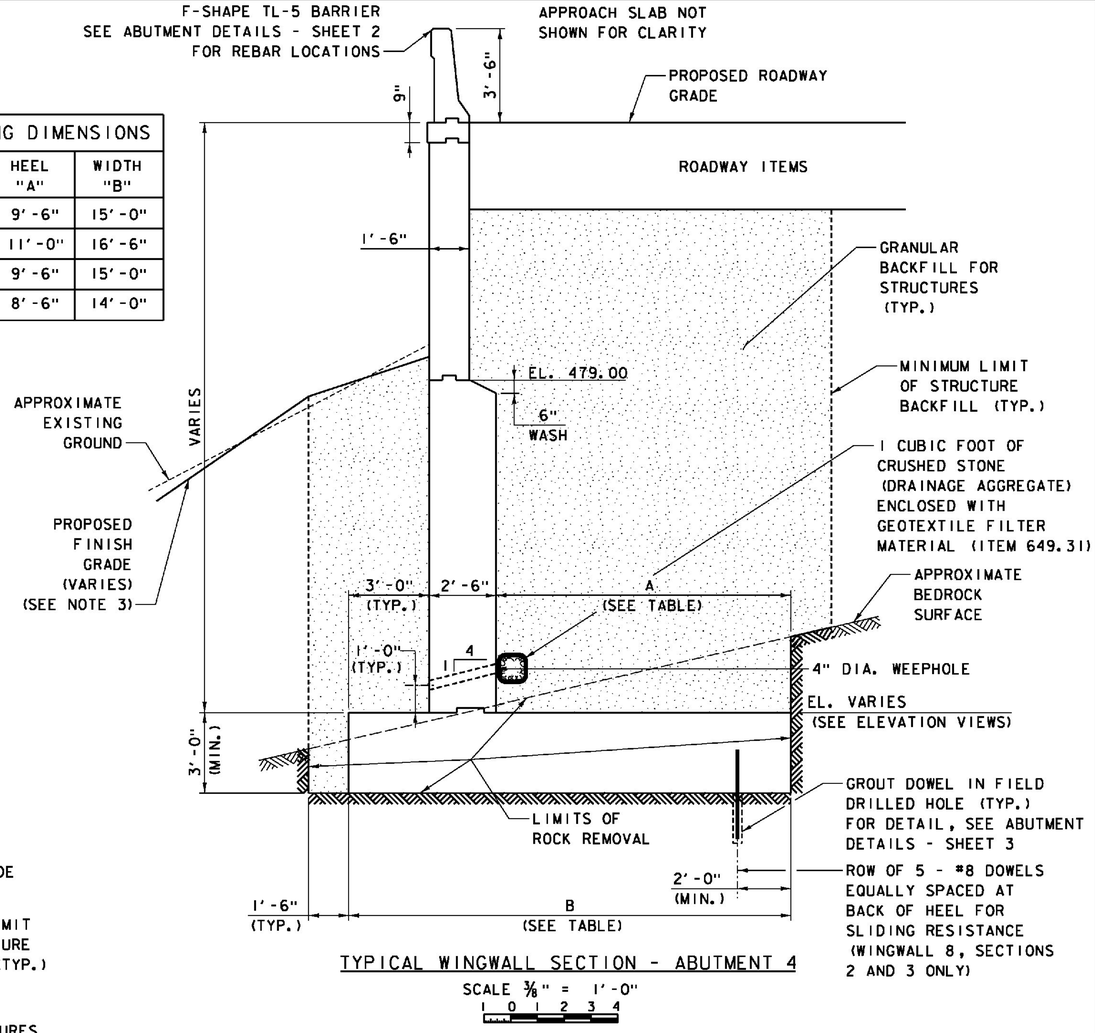
SCALE 3/16" = 1'-0"



WINGWALL 8 ELEVATION

SCALE 3/16" = 1'-0"

WINGWALL FOOTING DIMENSIONS			
WINGWALL NO.	SECTION NO.	HEEL "A"	WIDTH "B"
7		9'-6"	15'-0"
8	1	11'-0"	16'-6"
8	2	9'-6"	15'-0"
8	3	8'-6"	14'-0"



TYPICAL WINGWALL SECTION - ABUTMENT 4

SCALE 3/8" = 1'-0"

NOTES:

1. FOR WINGWALL 7 AND 8 REINFORCING DETAILS, SEE ABUT. 4 WINGWALL REINFORCEMENT.
2. FOR DETAILS OF BARRIER TRANSITION AT WING ENDS, SEE F-SHAPE BARRIER TRANSITION DETAIL SHEET INCLUDED IN SUPERSTRUCTURE DRAWINGS.
3. FOR REINFORCED SLOPE DETAIL AT WINGWALL 8, SEE DETAIL ON ABUTMENT DETAILS - SHEET 3.
4. FOR CONSTRUCTION AND EXPANSION JOINT DETAILS, SEE ABUTMENT DETAILS - SHEET 1.
5. FOR DETAILS OF EXPANSION JOINT BETWEEN PILASTER AND WINGWALL, AND CONSTRUCTION JOINTS, SEE ABUTMENT DETAILS - SHEET 1.
6. EMBANKMENT AREAS DISTURBED BY CONSTRUCTION SHALL BE RESTORED UPON COMPLETION OF THE WORK BY INSTALLING TOPSOIL, SEED AND HAY MULCH.

ITEMS USED ON THIS SHEET	
ITEM NO.	DESCRIPTION
203.16	SOLID ROCK EXCAVATION
204.25	STRUCTURE EXCAVATION
204.30	GRANULAR BACKFILL FOR STRUCTURES
501.33	CONCRETE, HIGH PERFORMANCE CLASS A
501.34	CONCRETE, HIGH PERFORMANCE CLASS B
514.10	WATER REPELLENT, SILANE
529.15	REMOVAL OF STRUCTURE
651.15	SEED
651.25	HAY MULCH
651.35	TOPSOIL
900.640	BRIDGE RAILING, F-SHAPE CONCRETE

PROJECT NAME: WINDSOR
PROJECT NUMBER: IM 091-1(64)

FILE NAME: z10a188Abut4WM.dgn
PROJECT LEADER: J. WILSON
DESIGNED BY: S. BOYINGTON
ABUTMENT 4 WINGWALLS

PLOT DATE: 7/30/2015
DRAWN BY: S. GUNN
CHECKED BY: S. HALLORAN
SHEET 129 OF156